

ABSTRACT

Printing light beams from a printing head that is driven based on image data are used for recording a latent image in a predetermined exposure area on an instant film. The instant film is exposed through an exposure opening formed through a case of a film pack. The printing head projects the printing light beams linearly along a main scan direction while moving in a sub scan direction perpendicular to the main scan direction. An illumination range of the printing light beams is determined to be wider than the exposure area in the main and sub scan directions, in consideration of clearances between the case and the instant film. So the entire exposure area is exposed even where the instant film deviates inside the case. A light-shielding housing for covering up a moving range of the printing head in a light-tight fashion is formed integrally with a pack loading chamber for loading the film pack.

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(54) Title: INSTANT PRINTER, PRINTING METHOD USING THE SAME, COMBINATION PRINTER/ELECTRONIC STILL CAMERA SYSTEM

(54) 発明の名称 インスタントプリンタ、これを用いたプリント方法、及びプリンター体型電子スチルカメラ

(57) Abstract

A latent image is formed in a predetermined exposure area of an instant film exposed through an exposure opening formed in a case of a film pack by applying printing light from a print head driven according to image data. While the print head is scanning a linear beam of printing light in a main scanning direction, it moves in a sub-scanning direction perpendicular to the main scanning direction. Considering the clearance between the case and the instant film, the area illuminated by the printing light is wider than the exposure area in both main scanning and sub-scanning direction, and therefore the whole exposure area is exposed to the printing light even if the instant film is displaced in the case. Integrally with a pack load chamber in which the film pack is loaded, a light-shielding housing covering an area including the area where the print head moves is provided.

